



TY-300

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### Complex Inorganic Color Pigment

## TIPAQUE<sup>®</sup> BUFF TY-300

**TY-300** is a solid solution with a deep buff yellow color obtained by thermodiffusion of antimony and chromium atoms into the crystal lattice of rutile titanium dioxide, a process done under ultrahigh processing temperatures. TY-300 will not decompose into chromium or antimony components. It provides the highest gloss and tinting strength, as well as resistance to weather, heat, and chemicals. TY-300 is known for its excellent durability and colorfastness to light.

### Chemical and Physical Characteristics

#### TY-300

Composition	<b>Ti, Sb, Cr</b>
Color	<b>Buff Yellow</b>
TiO <sub>2</sub> Content	<b>76 %</b>
Particle Size (µm)	<b>.35</b>
Specific Gravity	<b>4.3</b>
Oil Absorption (g/100g)	<b>12</b>
Residue on 325 Mesh	<b>0.01% Max.</b>
Durability	<b>Excellent</b>
Major Post-Treatment	<b>None</b>

**Suggested Uses**

- Plastics
- Paints
- Printing Inks

**C.I. References**

**C.I. Name** Pigment Brown 24

**C.I. No.** 77310

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